



PTO/SB/01A (10-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION (CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) As a below named inventor(s), I/we declare that: The declaration is directed to: The attached application, or X Application No. 09/874,930 , filed on 06/05/2001 as amended on (if applicable). I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought; I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amended by any amendment specifically referred to above; I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT international filing date of the continuation-in-part application, if applicable; and All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon. FULL NAME(S) OF INVENTORS: Inventor one: Jiangfeng Wu Citizen of: Canada Signature: Piu B. Wong Inventor two: Hong Kong Citizen of: Signature: Inventor three: Shimon B. Scherzer US Citizen of: Inventor four: Signature: Citizen of:

Additional inventors are being named on

additional form(s) attached hereto.

PATENT ATEMINATION OF THE PROPERTY OF THE PROP



| Application No./Patent No.: 09/874,930 Filed/issue Date: June 5, 2001 DIRECTED MAXIMUM RATIO COMBINING AND SCHEDULING OF HIGH RATE TRANSMISSION FOR DATA NETWORKS Metawave Communications Corporation (Name of Assignee) , a corporation patternship, university, government agency, etc. 1. x the assignee of the entire right, title, and interest, or the extent (by, percentage) of its ownership interest is % in the patent application/patent identified above by virtue of either: A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: To: To: To: To: To: | Applican | t/Patent Owner: | Jiangfeng Wu, et al. | | | |
|---|---|---|----------------------|--------------------------------|--|--|
| Entitled: TRANSMISSION FOR DATA NETWORKS Metawave Communications Corporation (Name of Assignee) a corporation (Name of Assignee) a corporation (Name of Assignee) a corporation (Name of Assignee) and interest; or search (Name of Assignee) and interest; or 2. | Application | on No./Patent No.: | 09/874,930 | Filed/Issue Date: | June 5, 2001 | |
| Type of Assignee, e.g., corporation, partnership, university, government agency, etc. | | | | | | |
| states that it is: 1. | Metawave Communications Corporation , a corporation | | | | | |
| 1. | | (Name of Assi | gnee) | Type of Assignee, e.g., corpor | ration, partnership, university, government agency, etc. | |
| 2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is | states that it is: | | | | | |
| The extent (by, percentage) of its ownership interest is | 1. x the assignee of the entire right, title, and interest; or | | | | | |
| A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: | 2. | | • | | | |
| A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: | in the patent application/patent identified above by virtue of either: | | | | | |
| B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 2. From: To: To: | , | recorded in the United States Patent and Trademark Office at Reel, Frame, | | | | |
| The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 2. From: | B.[] | | | | | |
| The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 3. From: To: | | The document was recorded in the United States Patent and Trademark Office at | | | | |
| Reel, Frame, or for which a copy thereof is attached. 3. From: | | 2. From: | | To: | | |
| 3. From: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [X] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 19, 2001 R. Ross Viguet Typed or printed name | | | | | | |
| The document was recorded in the United States Patent and Trademark Office at Reel, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [X] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 19, 2001 | | Reel | , rrame | , or for which a copy to | nereor is attached. | |
| Reel, Frame, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [X] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 19, 2001 | | • | | | | |
| [] Additional documents in the chain of title are listed on a supplemental sheet. [x] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 19, 2001 R. Ross Viguet Typed or printed name Signature Attorney | | | | | | |
| [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 19, 2001 R. Ross Viguet Typed or printed name Signature Attorney | | | | | | |
| September 19, 2001 Date R. Ross Viguet Typed or printed name Signature Attorney | ., | [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the | | | | |
| Date Typed or printed name Signature Attorney | The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. | | | | | |
| Signature Attorney | _ | September 19, | 2001 | | | |
| Signature Attorney | | Date | | <u> </u> | r printed name | |
| Attorney | | | - | | ianatura | |
| | | | | | • | |
| | | | - | | | |